

BIODEGRADABLE HEAT-SHRINKABLE FILM

Publication Number: 2001-011214 (JP 2001011214 A) , January 16, 2001

Inventors:

- KURAMOTO YOSHIHIRO
- TSUCHIDA TOMOHISA

Applicants

- OKURA IND CO LTD

Application Number: 11-187670 (JP 99187670) , July 01, 1999

International Class:

- C08J-005/18
- B29C-061/06
- C08L-067/02
- C08L-067/04
- B29K-105:02
- B29L-007:00

Abstract:

PROBLEM TO BE SOLVED: To provide a transparent biodegradable heat-shrinkable film excellent in shrink properties necessary for heat-shrink packaging, particularly in low temperature shrink properties.
SOLUTION: There is provided a film obtained by stretching at least uniaxially a film obtained from a composition comprising 25-70 pts.wt. of an aliphatic polyester (A) synthesized mainly from a glycol and an aliphatic dibasic acid or a derivative thereof and 75-30 pts.wt. of a polylactic acid (B) consisting of L-lactic acid and D-lactic acid in the ratio of 94:6-79:21, which film has a shrinkage factor of at least 20% in at least one direction of MD and TD directions of the film after immersed in glycerol at 90°C for 30 sec.